Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-03-08-01** **Date: 03/04/2018**

Customer : Assistant Executive Engineer, Project Division, BBMP, Bangalore.

Address : Project Division, BBMP, Bangalore.

Project Name : Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04

Agency : Technical Manager(West), KRIDL, Bangalore.

Customer's Reference : EE(Project)/YnkZone/WO/138/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-03-18

Sample ID No : 2018-03-08-01 /02

Customer ID : M25 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 03/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete	M25	06/03/2018	03/04/2018	150.30 X 150.24 X 150.21	22581	8.298	630.0	27.9	27.3
2	M25 Concrete	M25	06/03/2018	03/04/2018	150.11 X 150.14 X 150.15	22538	8.256	610.8	27.1	
3	M25 Concrete	M25	06/03/2018	03/04/2018	150.13 X 150.17 X 150.19	22545	8.232	604.2	26.8	

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-03-12-01** **Date: 17/03/2018**

Customer : Assistant Executive Engineer, Project Division, BBMP, Bangalore.

Address : Project Division, BBMP, Bangalore.

Project Name : Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04

Agency : Technical Manager(West), KRIDL, Bangalore.

Customer's Reference : EE(Project)/YnkZone/WO/138/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 12-03-18

Sample ID No : 2018-03-12-01 /01

Customer ID : M25 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 17/03/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete	M25	10/03/2018	17/03/2018	149.87 X 151.64 X 150.97	22726	8.210	502.3	22.1	22.1
2	M25 Concrete	M25	10/03/2018	17/03/2018	150.21 X 150.47 X 150.67	22602	8.198	492.7	21.8	
3	M25 Concrete	M25	10/03/2018	17/03/2018	150.11 X 150.49 X 150.37	22590	8.147	508.3	22.5	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-03-12-01** **Date: 07/04/2018**

Customer : Assistant Executive Engineer, Project Division, BBMP, Bangalore.

Address : Project Division, BBMP, Bangalore.

Project Name : Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04

Agency : Technical Manager(West), KRIDL, Bangalore.

Customer's Reference : EE(Project)/YnkZone/WO/138/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 12-03-18

Sample ID No : 2018-03-12-01 /02

Customer ID : M25 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete	M25	10/03/2018	07/04/2018	150.24 X 150.99 X 150.66	22685	8.201	623.8	27.5	27.6
2	M25 Concrete	M25	10/03/2018	07/04/2018	150.78 X 150.91 X 150.97	22754	8.175	623.5	27.4	
3	M25 Concrete	M25	10/03/2018	07/04/2018	150.85 X 150.33 X 150.75	22677	8.198	632.7	27.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-03-17-01** **Date: 22/03/2018**
Customer	:	Assistant Executive Engineer, Project Division, BBMP, Bangalore.
Address	:	Project Division, BBMP, Bangalore.
Project Name	:	Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04
Agency	:	Technical Manager(West), KRIDL, Bangalore.
Customer's Reference	:	EE(Project)/YnkZone/WO/138/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	17-03-18
Sample ID No	:	2018-03-17-01 /01
Customer ID	:	M25 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	22/03/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete	M25	15/03/2018	22/03/2018	150.22 X 150.29 X 150.32	22577	8.315	505.7	22.4	22.4
2	M25 Concrete	M25	15/03/2018	22/03/2018	150.30 X 150.25 X 150.28	22583	8.341	514.9	22.8	
3	M25 Concrete	M25	15/03/2018	22/03/2018	150.23 X 150.26 X 150.30	22574	8.323	498.9	22.1	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 12/04/2018

Lab ID	:	**CP-2018-03-17-01**
Customer	:	Assistant Executive Engineer, Project Division, BBMP, Bangalore.
Address	:	Project Division, BBMP, Bangalore.
Project Name	:	Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04
Agency	:	Technical Manager(West), KRIDL, Bangalore.
Customer's Reference	:	EE(Project)/YnkZone/WO/138/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	17-03-18
Sample ID No	:	2018-03-17-01 /02
Customer ID	:	M25 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	12/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete	M25	15/03/2018	12/04/2018	151.00 X 150.24 X 150.47	22686	8.147	601.2	26.5	27.0
2	M25 Concrete	M25	15/03/2018	12/04/2018	149.87 X 150.66 X 150.47	22579	8.165	618.7	27.4	
3	M25 Concrete	M25	15/03/2018	12/04/2018	150.14 X 150.98 X 151.36	22668	8.174	614.3	27.1	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-03-21-01** **Date: 26/03/2018**

Customer : Assistant Executive Engineer, Project Division, BBMP, Bangalore.

Address : Project Division, BBMP, Bangalore.

Project Name : Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04

Agency : Technical Manager(West), KRIDL, Bangalore.

Customer's Reference : EE(Project)/YnkZone/WO/138/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 21-03-18

Sample ID No : 2018-03-21-01 /01

Customer ID : M25 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 26/03/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete	M25	19/03/2018	26/03/2018	151.21 X 150.11 X 150.34	22698	8.222	492.5	21.7	22.0
2	M25 Concrete	M25	19/03/2018	26/03/2018	150.26 X 150.32 X 150.11	22587	8.297	506.0	22.4	
3	M25 Concrete	M25	19/03/2018	26/03/2018	150.54 X 149.11 X 151.76	22447	8.243	491.6	21.9	

Note:
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-03-21-01** **Date: 16/04/2018**
Customer	:	Assistant Executive Engineer, Project Division, BBMP, Bangalore.
Address	:	Project Division, BBMP, Bangalore.
Project Name	:	Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04
Agency	:	Technical Manager(West), KRIDL, Bangalore.
Customer's Reference	:	EE(Project)/YnkZone/WO/138/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-03-18
Sample ID No	:	2018-03-21-01 /02
Customer ID	:	M25 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 16/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete	M25	19/03/2018	16/04/2018	149.22 X 150.54 X 149.22	22464	8.265	602.0	26.8	26.7
2	M25 Concrete	M25	19/03/2018	16/04/2018	150.65 X 150.34 X 151.32	22649	8.252	613.8	27.1	
3	M25 Concrete	M25	19/03/2018	16/04/2018	151.88 X 150.15 X 150.11	22805	8.249	599.8	26.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-04-18-01** **Date: 23/04/2018**

Customer : Assistant Executive Engineer, Project Division, BBMP, Bangalore.

Address : Project Division, BBMP, Bangalore.

Project Name : Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04

Agency : Technical Manager(West), KRIDL, Bangalore.

Customer's Reference : EE(Project)/YnkZone/WO/138/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-04-18

Sample ID No : 2018-04-18-01 /01

Customer ID : M25 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete	M25	16/04/2018	23/04/2018	149.63 X 151.24 X 150.44	22630	8.192	497.9	22.0	21.6
2	M25 Concrete	M25	16/04/2018	23/04/2018	150.36 X 150.44 X 150.47	22620	8.264	488.6	21.6	
3	M25 Concrete	M25	16/04/2018	23/04/2018	150.22 X 150.48 X 150.66	22605	8.156	477.0	21.1	

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Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID	:	**CP-2018-03-19-01** **Date: 20-03-18**
Customer	:	Assistant Executive Engineer, Project Division, BBMP, Bangalore.
Address	:	Project Division, BBMP, Bangalore.
Project Name	:	Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04
Agency	:	Technical Manager(West), KRIDL, Bangalore.
Customer's Reference	:	EE(Project)/YnkZone/WO/138/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	19-03-18
Sample ID No	:	2018-03-19-01 /01
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	19-03-18

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	25	3.852	592	710	18.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	32	6.315	602	718	18.0%	Satisfactory	Satisfactory

Note:

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TEST RESULTS OF STEEL

Lab ID	:	**CP-2018-03-06-01** **Date: 07-03-18**
Customer	:	Assistant Executive Engineer, Project Division, BBMP, Bangalore.
Address	:	Project Division, BBMP, Bangalore.
Project Name	:	Construction of Multi Utility Building for Allalasandra Swimming Pool in Ward No.04
Agency	:	Technical Manager(West), KRIDL, Bangalore.
Customer's Reference	:	EE(Project)/YnkZone/WO/138/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-03-18
Sample ID No	:	2018-03-06-01 /01
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	06-03-18

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.392	538	644	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.615	545	658	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.884	562	671	19.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	16	1.582	579	682	18.5%	Satisfactory	Satisfactory
3	Sunvik	Fe500	20	2.471	588	695	18.5%	Satisfactory	Satisfactory

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